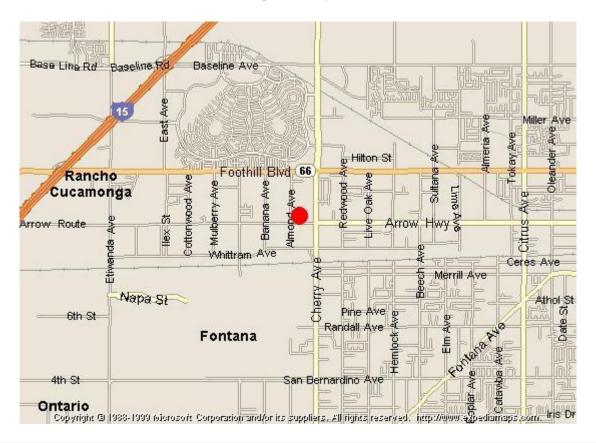
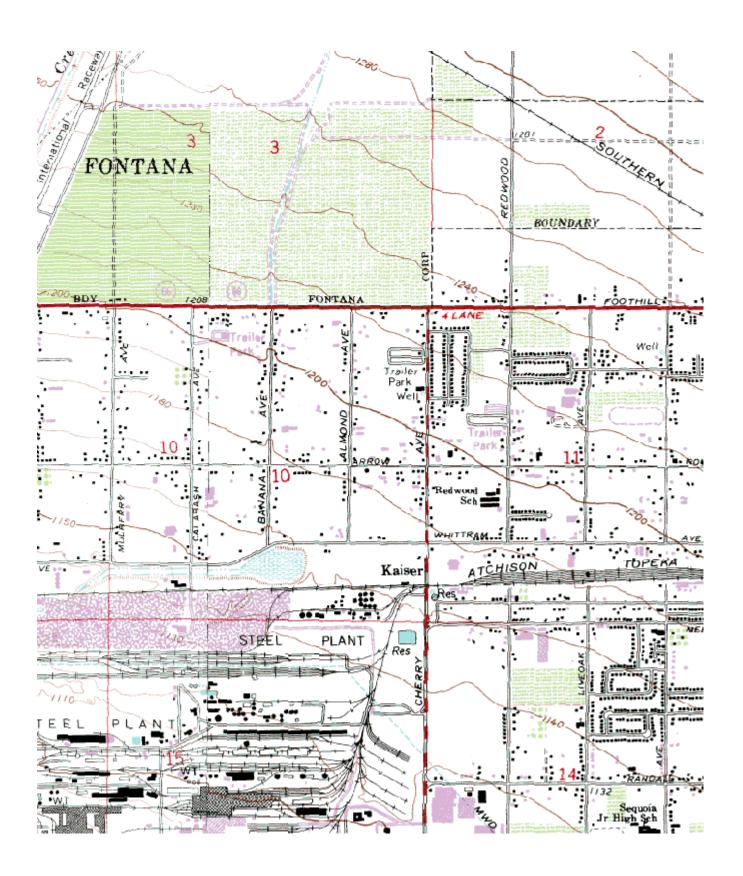
## South Coast AQMD Site Survey Report for Fontana-Arrow Highway

Last updated: May, 2017



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060712002	36197	08/1981	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
14360 Arrow Hwy Fontana, CA 92335	San Bernardino	South Coast	34° 06' 0"N	117° 29' 31"W	363



## **Detailed Site Information**

Local site name	site name Fontan		ontana-Arrow Highway				
AQS ID		0607120	02				
GPS coordinates (decimal degrees)		Latitude: 34° 06' 0", Longitude: 117° 29' 31"					
Street Address		14360 Arrow Highway, Fontana, CA 92335					
County		San Bern	ardino				
Distance to roadways (1	meters)	86 - 92					
Traffic count (AADT, y	/ear)	12,500 /	2012				
Groundcover	,	Gravel					
(e.g. asphalt, dirt, sand)							
Representative statistica		40140-R	iverside-San Bernardino-	Ontario, CA MSA			
(i.e. MSA, CBSA, other	r)						
Pollutant, POC	Carbon Mon	oxide, 1	Nitrogen Dioxide, 1	Ozone, 1	Sulfur Dioxide, 1		
Primary / QA	N/A		N/A	N/A	N/A		
Collocated / Other							
Primary / QA	N/A		N/A	N/A	N/A		
Collocated / Other							
Parameter code	42101		42602	44201	42401		
Basic monitoring	NAAQS		NAAQS	NAAQS	NAAQS		
objective(s)							
Site type(s)	Population E	Exposure	Population Exposure	Population Exposure	Population Exposure		
Monitor (type)	SLAMS		SLAMS	SLAMS	SLAMS		
Network Affiliation	N/A		N/A	N/A	N/A		
Instrument	Horiba APM	IA 360	API Teledyne 200E	API/Teledyne 400E	Thermo 43i		
manufacturer and							
model							
Method code	106		099	087	560		
FRM/FEM/ARM/	FRM		FRM	FEM	FEM		
other							
Collecting Agency	SCAQMD		SCAQMD	SCAQMD	SCAQMD		
Analytical Lab	N/A		N/A	N/A	N/A		
(i.e.weigh lab, toxics							
lab, other)	~~.~~		001010	22.22	0.01.01.01		
Reporting Agency	SCAQMD		SCAQMD	SCAQMD	SCAQMD		
Spatial scale (e.g.	Neighborhood		Urban	Urban	Neighborhood		
micro, neighborhood)	00/1001		00/1001	00/1001	00/1001		
Monitoring start date (MM/DD/YYYY)	08/1981		08/1981	08/1981	08/1981		
Current sampling	1:1		1:1	1:1	1:1		
frequency (e.g.1:3,							
continuous)							
Calculated sampling	N/A		N/A	N/A	N/A		
frequency							
(e.g. 1:3/1:1)	0.4.04		04/04/49/5	04/04/49/5	04/04/40/0		
Sampling season	01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31		
(MM/DD-MM/DD)	1.02			1.00	1.02		
Probe height (meters)	4.02		4.02	4.02	4.02		
Distance from	1.52		1.52	1.52	1.52		
supporting structure							
(meters)							

Distance from	N/A	N/A	N/A	N/A
obstructions on roof	IN/A	IV/A	IN/A	IV/A
(meters)  Distance from	N/A	N/A	N/A	N/A
obstructions not on	IN/A	IN/A	IN/A	IN/A
roof (meters)				
Distance from trees	N/A	N/A	N/A	N/A
(meters)	N/A	IN/A	IN/A	IV/A
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue	IN/A	IV/A	IN/A	IV/A
(meters)				
Distance between	N/A	N/A	N/A	N/A
collocated monitors	IN/A	IN/A	IN/A	IV/A
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)	300	300	300	300
Probe material for	Teflon	Teflon	Teflon	Teflon
reactive gases	1 611011	1 611011	1 611011	1611011
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	5.1	6.0	5.5	6.5
reactive gases	5.1	0.0	3.3	0.3
(seconds)				
Will there be changes	No	No	No	No
within the next 18	NO	NO	NO	NO
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	N/A
comparison against	IN/A	IN/A	IN/A	IV/A
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for	IN/A	IN/A	IN/A	IV/A
manual PM samplers				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for	N/A	IN/A	IN/A	IV/A
automated PM				
analyzers				
Frequency of one-	Nightly	Nightly	Nightly	Nightly
point QC check for	Nightiy	Nightiy	Nightiy	Nightly
gaseous instruments				
Last Annual	3/24/2016	3/24/2016	3/24/2016	3/24/2016
Performance	3/2 <del>4</del> /2010	3/24/2010	3/24/2010	3/24/2010
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	N/A
flow rate audits for	11/71	11/71	11/11	11/73
PM monitors				
(MM/DD/YYYY,				
MM/DD/YYYY)				
1,11,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1				

Pollutant, POC	PM10, 2	PM2.5, 11	24 Hour PM2.5, 1	
Primary / QA	Primary	Primary	Primary	
Collocated / Other				

Parameter code	See Table 26	See Table 26	See Table 26	
Basic monitoring	NAAQS	NAAQS	NAAQS	
objective(s)				
Site type(s)	Highest	Population Exposure	Population Exposure	
	Concentration			
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	N/A	
Instrument	GMW 1200 SSI/	Met One SASS	Andersen RAAS	
manufacturer and	Hi-Q		PM2.5	
model				
Method code	063, 102	See Table 26	780, 120	
FRM/FEM/ARM/	FRM	Other	FRM	
other				
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	
Analytical Lab	SCAQMD	SCAQMD	SCAQMD	
(i.e.weigh lab, toxics				
lab, other)				
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	
Spatial scale (e.g.	Neighborhood	Neighborhood	Neighborhood	
micro, neighborhood)				
Monitoring start date	08/1981	02/20/2004	01/1985	
(MM/DD/YYYY)				
Current sampling	1:6	1:6	1:3	
frequency (e.g.1:3,				
continuous)				
Calculated sampling	1:6	No CFR mandated	1:3	
frequency		sampling schedule.		
(e.g. 1:3/1:1)				
Sampling season	01/01-12/31	01/01-12/31	01/01-12/31	
(MM/DD-MM/DD)				
Probe height (meters)	2.4	2.9	2.9	
Distance from	1.5	1.9	1.9	
supporting structure				
(meters)	NT/A	NT/A	NY/A	
Distance from	N/A	N/A	N/A	
obstructions on roof				
(meters) Distance from	N/A	N/A	N/A	
obstructions not on	N/A	IN/A	IN/A	
roof (meters)				
Distance from trees	N/A	N/A	N/A	
(meters)	IV/A	IVA	IVA	
Distance to furnace or	N/A	N/A	N/A	
incinerator flue	11/11	14/11	14/21	
(meters)				
Distance between	N/A	N/A	N/A	
collocated monitors	, , , , , , , , , , , , , , , , , , ,	- "		
(meters)				
Unrestricted airflow	360°	360°	360°	
(degrees)				
Probe material for	N/A	N/A	N/A	
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				

Residence time for reactive gases (seconds)	N/A	N/A	N/A	
Will there be changes within the next 18 months? (Y/N)	No	No	No	
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	Yes	
Frequency of flow rate verification for manual PM samplers	Monthly	Monthly	Monthly	
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	05/04/2016, 11/07/2016	05/04/2016, 11/07/2016	05/04/2016, 11/07/2016	

## Fontana-Arrow Highway Site Photos



**Looking North from the probe.** 



**Looking East from the probe.** 



**Looking South from the probe.** 



**Looking West from the probe.** 

## Fontana-Arrow Highway Site Photos (Cont.)



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.